

SEQUENCE LISTING

<110> Gleave, Martin
Jansen, Burkhard

<120> Treatment of Melanoma by Reduction in Clusterin Levels

<130> UBC.P-035

<150> US 60/405,193

<151> 2002-08-21

<150> US 60/319,748

<151> 2002-12-02

<150> US 60/408,152

<151> 2002-09-03

<150> US 60/473,387

<151> 2003-05-20

<160> 43

<170> PatentIn version 3.2

<210> 1

<211> 1676

<212> DNA

<213> human

<400> 1

| | |
|---|-----|
| gaattccgcc gctgaccgag gcggtgcaaag actccagaat tggaggcatg atgaagactc | 60 |
| tgctgctggt tgtggggctg ctgctgacct gggagagtgg gcaggctctg ggggaccaga | 120 |
| cggcttcaga caatgagctc caggaaatgt ccaatcaggg aagtaagtac gtcaataagg | 180 |
| aaattcaaaa tgctgtcaac ggggtgaaac agataaagac tctcatagaa aaaacaaacg | 240 |
| aagagcgcaa gacactgctc agcaacctag aagaagccaa gaagaagaaa gaggatgccc | 300 |
| taaatgagac cagggaatca gagacaaagc tgaaggagct cccaggagtg tgcaatgaga | 360 |
| ccatgatggc cctctgggaa gagtgtgtaagc cctgcctgaa acagacctgc atgaagttct | 420 |
| acgcacgcgt ctgcagaagt ggctcaggcc tggttggccg ccagcttgag gagttcctga | 480 |
| accagagctc gcccttctac ttctggatga atggtgaccg catcgactcc ctgctggaga | 540 |
| acgaccggca gcagacgcac atgctggatg tcatgcagga ccacttcagc cgcgcgtcca | 600 |

| | |
|--|------|
| gcatcataga cgagctcttc caggacaggt tcttcacccg ggagccccag gatacctacc | 660 |
| actacctgcc cttcagcctg ccccaccgga ggccctcactt cttctttccc aagtcccgca | 720 |
| tcgtccgcag cttgaltgcc ttctctccgt acgagccctt gaacttccac gccatgttcc | 780 |
| agcccttcct tgagatgata cagcaggctc agcaggccat ggacatccac ttccacagcc | 840 |
| cggccttcca gcacccgcca acagaattca tacgagaagg cgacgatgac cggactgtgt | 900 |
| gccgggagat ccgccacaac tccacgggct gcctgcggat gaaggaccag tgtgacaagt | 960 |
| gccgggagat cttgtctgtg gactgttcca ccaacaaccc ctcccaggct aagctgcggc | 1020 |
| gggagctcga cgaatccctc caggtcgctg agaggttgac caggaaatac aacgagctgc | 1080 |
| taaagtccca ccagtggaag atgctcaaca cctcctcctt gctggagcag ctgaacgagc | 1140 |
| agtttaactg ggtgtcccggt ctggcaaacc tcacgcaagg cgaagaccag tactatctgc | 1200 |
| gggtcaccac ggtggcttcc cacacttctg actcggacgt tccttccggt gtcactgagg | 1260 |
| tggtcgtgaa gctctttgac tctgatccca tcaactgtgac ggtccctgta gaagtctcca | 1320 |
| ggaagaaccc taaatttatg gagaccgtgg cggagaaagc gctgcaggaa taccgcaaaa | 1380 |
| agcaccggga ggagtgcgat gtggatgttg cttttgcacc ttacgggggc atcttgagtc | 1440 |
| cagctcccc caagatgagc tgcagcccc cagagagagc tctgcacgtc accaagtaac | 1500 |
| caggccccag cctccaggcc cccaactccg cccagcctct ccccgctctg gatcctgcac | 1560 |
| tctaacactc gactctgctg ctcatgggaa gaacagaatt gtccttgcac gcaactaatt | 1620 |
| caataaaact gtcttgtgag ctgaaaaaaaa aaaaaaaaaa aaaaaaaaag gaattc | 1676 |

<210> 2
<211> 21
<212> DNA
<213> murine

| | |
|-------------------------|----|
| <400> 2 | |
| gcacagcagg agaattctca t | 21 |

<210> 3
<211> 21
<212> DNA
<213> human

<400> 3
tggagtcttt gcacgcctcg g

21

<210> 4
<211> 21
<212> DNA
<213> human

<400> 4
cagcagcaga gtcttcatca t

21

<210> 5
<211> 21
<212> DNA
<213> human

<400> 5
attgtctgag accgtctggg c

21

<210> 6
<211> 21
<212> DNA
<213> human

<400> 6
ccttcagctt tgtctctgat t

21

<210> 7
<211> 21
<212> DNA
<213> human

<400> 7
agcagggagt cgatgcgggc a

21

<210> 8
<211> 21
<212> DNA
<213> human

<400> 8
atcaagctgc ggacgatgcg g

21

<210> 9
<211> 21

<212> DNA
<213> human

<400> 9
gcaygcagcc cgtggagttg t

21

<210> 10
<211> 21
<212> DNA
<213> human

<400> 10
ttcagctgct ccagcaagga g

21

<210> 11
<211> 21
<212> DNA
<213> human

<400> 11
aatttaggggt tcttcctgga g

21

<210> 12
<211> 21
<212> DNA
<213> human

<400> 12
gctgggagga gttgggggccc t

21

<210> 13
<211> 17
<212> DNA
<213> human

<400> 13
ggtgtagacg ccgcacg

17

<210> 14
<211> 16
<212> DNA
<213> human

<400> 14
gcagcgagc ccctgg

16

<210> 15
<211> 22
<212> DNA
<213> human

<400> 15
gcagcagccg cagcccggct cc

22

<210> 16
<211> 18
<212> DNA
<213> human

<400> 16
agccgcagcc cggctcct

18

<210> 17
<211> 20
<212> DNA
<213> human

<400> 17
cagcagccgc agcccggctc

20

<210> 18
<211> 20
<212> DNA
<213> human

<400> 18
gcagcagccg cagcccggct

20

<210> 19
<211> 20
<212> DNA
<213> human

<400> 19
agcagccgca gcccggtcc

20

<210> 20
<211> 21
<212> DNA
<213> artificial

<220>

<223> RNAi for human clusterin

<400> 20
ccagagcucg cccuucuact t

21

<210> 21
<211> 21
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 21
guagaagggc gagcucuggt t

21

<210> 22
<211> 21
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 22
gaugcucaac accuccucct t

21

<210> 23
<211> 21
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 23
ggaggaggug uugagcauct t

21

<210> 24
<211> 19
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 24

uaauucaaca aaacugutt

19

<210> 25

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 25

gacaguuuua uugaauuagt t

21

<210> 26

<211> 19

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 26

uaauucaaca aaacugutt

19

<210> 27

<211> 19

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 27

acaguuuugu ugaauuatt

19

<210> 28

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 28

augaugaaga cucugcugct t

21

<210> 29
<211> 21
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 29
gcagcagagu cuucauaut t

21

<210> 30
<211> 22
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 30
ugaauagaagg gacuaaccug tt

22

<210> 31
<211> 22
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 31
cagguuaguc ccuucuuca tt

22

<210> 32
<211> 22
<212> DNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 32
cagaaauaga caaagugggg tt

22

<210> 33
<211> 22
<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 33

ccccacuuug ucuauuucug tt

22

<210> 34

<211> 22

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 34

acagagacua agggaccaga tt

22

<210> 35

<211> 22

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 35

acagagacua agggaccaga tt

22

<210> 36

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 36

ccagagcucg cccuucuact t

21

<210> 37

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 37

guagaagggc gagcucuggt t

21

<210> 38

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 38

gucccgcauc guccgcagct t

21

<210> 39

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 39

gcugcggacg augcgggact t

21

<210> 40

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi for human clusterin

<400> 40

cuaauucaau aaaacuguct t

21

<210> 41

<211> 21

<212> DNA

<213> artificial

<220>

<223> RNAi forhuman clusterin

<400> 41

21

gacaguuua ugaauuagt t

<210> 42
<211> 19
<212> RNA
<213> artificial

<220>
<223> RNAi for human clusterin

<400> 42
augaugaaga cucugcugc

19

<210> 43
<211> 19
<212> RNA
<213> artificial

<220>
<223> RNAi fo rhuman clusterin

<400> 43
gcagcagagu cuucaucau

19